

# VertiBox

## Compact Vertical LED Fog Machine

Order ref: 160.485UK

User Manual



Caution: Please read this manual carefully before operating  
Damage caused by misuse is not covered by the warranty



Small yet mighty, the QTX VertiBox delivers an impressive jet of vertical smoke that belies its compact box-sized appearance. The vertical smoke effect can be highlighted with an array of colors from the 12 bright LEDs housed in the top of the unit if desired. The smoke and light effects are easily controlled using either the control panel on the unit, the included key fob-style RF wireless remote or by 8-channel DMX connection. The 1.2 liter fluid bottle can be removed for easy refilling, and the side folding carry handles provide an easy way to transport the unit from one event to the next.

- Impressive 20,000 Cu.Ft/min vertical power housed in a compact unit.
- 12 bright 8W RGBA LEDs add a colorful light show to the smoke effect.
- In-built control panel with LCD display.
- 433Mhz key fob-style RF wireless remote.
- 8-Channel DMX connectivity.
- Removable 1.2 liter fluid tank.
- Supplied with UK and EU mains leads

## In the box:

Please check the contents to ensure that the product has been received in good condition.

- VertiBox Fog Machine
- RF Remote Control
- UK/EU IEC Mains Leads
- User guide

If you find any accessory is missing or the machine has arrived with damage, please contact your local dealer at once. Do not try to fix this item yourself or you will invalidate the warranty. Please keep the original packaging and invoice for any possible replacement or return demands.

## Warnings:

1. To prevent risk of fire or electric shock, do not expose electrical parts to rain or moisture.
2. If liquids are spilled on areas other than inside the fluid tank, disconnect the mains, allow the unit to dry out and have it checked by qualified personnel before use.
3. Avoid any impact, dropping or extreme pressure to the housing.
4. No user serviceable parts inside - do not open the case.
5. Allow the unit to acclimatize to room temperature before operating.

## Safety and Cleaning:

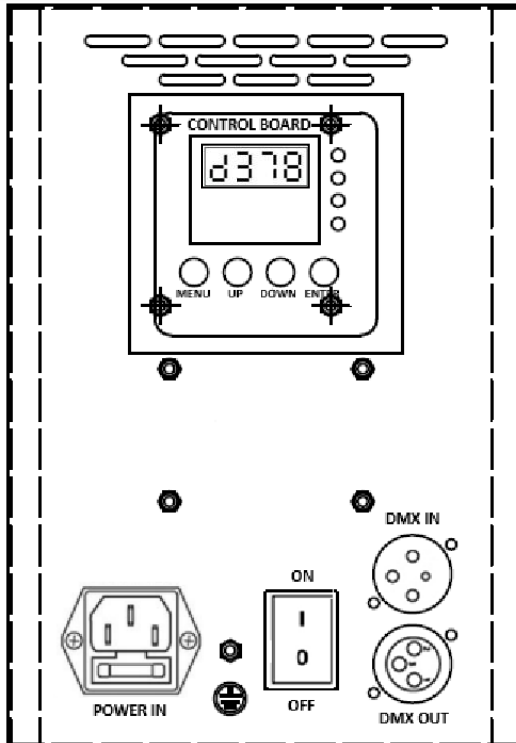
1. Check for correct mains voltage and condition of mains lead before connecting to power.
2. This unit must be earthed.
3. This unit uses a heating element – be aware that parts of the housing may be hot during use!
4. Use soft dry or slightly damp cloth to clean the casing.
5. Do not use strong solvents for cleaning the housing.
6. Clean the fog mechanism periodically by operating with distilled water.
7. It is also recommended to use fog machine cleaning fluid (160.670UK) periodically.

## Recommended Fluids:

For the VertiBox, we strongly recommend the following fluid which has been specifically formulated to perform best with this heater-based fog machine.

QTX ref code	Description	Size
160.595UK	Vapour Blast Effect Fluid	5 Litre

## Rear Panel:



## Setting Up:

1. Unpack the VertiBox unit.
2. Unscrew the cap of the tank and remove it to fill with fog fluid.
3. Replace the bottle and screw the cap securely, making sure that the pipe is fed down to the bottom of the bottle to ensure a consistent flow of fluid.
4. If DMX is to be used for control, connect the DMX signal from the controller to the DMX IN XLR connector. Any further DMX controlled units may be connected via the DMX OUT XLR connector.
5. Connect the IEC mains cable and power the unit on.
6. The unit will begin the warming up process which normally takes around 4-5 minutes.

## Operation:

Use the control buttons on the rear panel of the unit to operate the unit's modes and functions quickly and efficiently as below:

Button	Response
Menu	Scrolls between menu screens
Up	Increase function or setting value
Down	Decrease function or setting value
Enter	Save the current setting

The LCD panel on the rear of the unit will display the following outputs:

Function	Display	Content
Unit warming up	UP	The unit will take around 4-5 mins to warm up
Ready to use	----	The unit is ready to fog
DMX address code	A001-A512	Set required DMX address (see below table for DMX content)
Fog interval set up	I001-I900	1-900 seconds
Fog duration set up	D001-D015	1-15 seconds
LED settings	C0	LEDs off
	C1	Red LEDs
	C2	Green LEDs
	C3	Blue LEDs
	C4	Amber LEDs
	C5	Red+Blue LED Mix
	C6	Green+Blue LED Mix
	C7	Red+Green+Blue LED Mix
	C8	color change
C0	Color fade	

The small RF remote control supplied can also be used when wireless control of the unit is needed. Use the remote for the following functions:



- 1:** Fog effect on demand (max. 15 seconds)
- 2:** Solid color select (7 available)
- 3:** Color change or Color fade select
- 4:** LEDs on/off

If the LCD panel display is set to DMX mode (A001-A512), the unit will operate by DMX control as follows:

Channel	Value	Content
CH1	0-5	Fog off
	6-255	Start to fog
CH2	0-5	LEDs off
	6-126	Color change mode
	127-255	Color fade mode
CH3	0-5	Slowest speed for CH2 selection
	6-255	Speed adjusts for CH2 selection (slow to fast)
CH4	0-5	Slowest strobe effect
	6-255	Strobe effect adjusts (slow to fast)
CH5	0-5	Off
	6-255	Red LED (low to high)
CH6	0-5	Off
	6-255	Green LED (low to high)
CH7	0-5	Off
	6-255	Blue LED (low to high)
CH8	0-5	Off
	6-255	Amber LED (low to high)

### Specifications:

<b>Power supply</b>	220-240Vac, 50/60Hz (twist and lock)
<b>Fuse rating</b>	F10A
<b>Power</b>	1200W
<b>Warm up time</b>	4-5 minutes
<b>Remote control frequency</b>	433Mhz
<b>DMX channels</b>	8
<b>Fog output (approx.)</b>	20,000 Cu.Ft/min
<b>Tank capacity</b>	1.2 liters
<b>LED power</b>	8W RGBA x 12pcs
<b>Dimensions</b>	260 x 240 x 185mm
<b>Weight</b>	4.52kg

## Troubleshooting:

<b>No power to unit</b>	Check mains voltage is correct, and socket is switched on
	Check power lead is OK and connected properly
	Check mains fuse in unit and fuse in plug top
	If fuse blows repeatedly, refer to qualified service personnel
<b>Power to unit but no fog output</b>	Check fluid level in tank
	If fluid is OK and pump working, the lines may be blocked
	Check that output is not set to zero on the control panel
	If blocked, clean with fog machine cleaner & distilled water
	Check that if DMX mode is selected, the DMX channel is correct
<b>LEDs not working</b>	In DMX mode, check that fog output is not set to zero
	Check unit is ready to fog
	Check LEDs are switched on at the control panel or keyfob remote



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines

### Errors and omissions excepted.

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